MOTOROLA

Motorola EP350™ Series

Industrial Portable Two-Way Radios

Motorola EP350 Series

Reliable communication and enhanced functionality – A higher level of productivity

In today's demanding business environment, you need easy, discreet and prompt communication with your workforce to improve response time, empower employees to accomplish more in less time and increase customer satisfaction. Our two-way radios provide you with a durable, high-quality voice communication solution that helps your business increase productivity and serve your customers in the best manner possible.

Three versatile models of the EP350 Series Industrial Portable Two-Way Radios from Motorola are dependable and provide on-the-go voice communication across your business.These portable radios bring you the quality features you need at a competitive price. With an extensive feature set and ergonomic shape for comfortable use in a durable, lightweight, compact design, you can enhance communication while increasing efficiency and productivity. Choose the one that best meets your specific business needs: limited keypad, full keypad for increased ease of use or no display/no keypad for extreme affordability.

Ensure clear, dependable communication at all times, through simple and intuitive operation, with the strong performance and extensive features of the ES350 Series Industrial Portable Radios.

Motorola EP350 Industrial Portable Radio No-Display / No Keypad Model

Keep your operations on schedule to increase customer satisfaction. This affordable model brings you a competitive edge in communications to enhance employee efficiency and overall productivity.

Functionality benefits include:

- **2 programmable buttons** enable easy, one-touch access to up to 4 user-selected features
- **Increased privacy** with simple built-in voice scrambling
- **Enhanced rejection of interference** with tighter specifications so you can get your message through clearly
- **Caller identification** when sending a call and receives **selective communication** through built-in DTMF signaling
- **Channel selector** knob
- **Multi-channel capability** with 16 channels to support communication amongst all your employees
- **Hands-free communication.** VOX ready so users can focus on the job at hand
- **X-Pand™ technology** provides crisp, clear and strong audio quality in virtually any noisy environment
- **Talkaround capability** allows communications even when a repeater is not being used

Motorola EP350 Industrial Portable Radio Limited and Full Keypad Models

- **Increased privacy** with built-in simple voice scrambling
- **Hands-free communication.** VOX ready so users can focus on the job at hand
- **One-touch to up to 10 user-selected features** with 5 programmable buttons
- **X-Pand™ technology** provides crisp, clear and strong audio quality in virtually any noisy environment
- **Multi-channel capability** with 16 channels to support communication amongst all your employees
- **Talkaround capability** allows communications even when a repeater is not being used
- **Enhanced rejection of interference** from strong signals on adjacent channels so you can get your message through clearly

The full keypad model has all the same regular features as the Limited Keypad model, plus the following:

- **Dial** phone numbers
- **Manual access repeater.** Send DTMF tones to repeater
- **User editable** phone list
- **Full keypad (3x4)** provides easy accessibility to change channels or place a selective call (DTMF signaling) and allows for front panel programming

Programmable Features

The following features can be assigned as short press (press and release) or long press (press and hold for 1 second) in the side and front programmable buttons:

FEATURE:	FUNCTION:
Backlight	Toggles backlight display between ON and OFF.
Channel Alias	Toggles display between Channel Number and Channel Alias.
Keypad Lock	Locks or unlocks all buttons except PTT, Side Programmable Buttons, Rotary Channel Knob and ON/OFF/Volume knob.
Monitor	Monitors the channel for any activity as long as the button is pressed.
Nuisance Channel Delete	Removes unwanted channel(s) temporarily from scan list during scan.
TPL/DPL	Enables or disables radio from requiring matching TPL/DPL to unsquelch.
Power Level	Selects required power level: High or Low.
Reverse Burst	Select the Reverse Burst Type: None, 180 or 240.
Channel Scan	Starts or stops channel scan.
Scrambling	Enables or disables the scrambling feature for the selected channel.
Scrambling Code Select	Selects either one of the two scrambling codes available.
Squelch Level	Selects desired squelch level: Normal or Tight.
Sticky Monitor	The radio monitors continually until you press this button again.
Talkaround	Allows the user to toggle between Repeater and Talkaround mode operations.
Volume Set	Controls the audio and alert tone levels. The button emits a continuous tone while the button is pressed to indicate the current volume level.
VOX	Enables or disables VOX feature for the selected channel.

Motorola EP350 Industrial Portable Radio Accessories

The EP350 Series Industrial Portable Two-Way Radios offer a full range of Motorola Original® audio, energy and carrying accessories to customize a radio solution specific to your needs.

Headsets offer a comfortable, easy communication option when you need your hands free to focus on your operations. A high capacity battery is available to support long shifts and soft leather cases are available as a lightweight and comfortable carrying solution.

They also support Mag One™ audio accessories, which provide an affordable option for light-duty radio users.

Part #	Description
Audio	
Remote Speaker Microphones	
PMMN4029	Remote Speaker Microphone, Submersible (IP57)
PMMN4013	Remote Speaker Microphone with 3.5mm Audio Jack (IP54)
PMMN4008	Remote Speaker Microphone (Mag One)
Remote Speaker Microphone Accessories	
AARLN4885	Receive-Only Covered Earbud with Coiled Cord
PMLN4620	Receive-Only D-Shell Earpiece
RLN4941	Receive-Only Earpiece with Translucent Tube and Rubber Eartip
WADN4190	Receive-Only Flexible Earpiece
Headsets	
HMN9013	Lightweight Headset, Over-the-head, Adjustable, Single-Muff with Swivel Boom Microphone and In-line PTT
PMLN5003	Lightweight Temple Transducer with In-line PTT button and Microphone
PMLN4445	Ultra Lightweight Headset with Boom Microphone and In-line PTT/VOX Switch (Mag One)
Earsets	
PMLN5001	D-Style Earpiece with In-line Microphone and PTT
PMLN4443	Ear Receiver with In-line Microphone and PTT/VOX Switch (Mag One)
PMLN4442	Earbud with In-line Microphone and PTT/VOX Switch
(Mag One)	
PMLN4444	Earset with Boom Microphone and In-line PTT/VOX switch (Mag One)
Surveillance Kits and Associated Accessories	
HMN9754 2-Wire	Surveillance Kit, Beige (2-wire - rubber eartip style)
RLN6232	Low Noise Kit (Includes Rubber Tips with Acoustic Tube), black
RLN6241	Low Noise Kit (Includes Rubber Tips with Acoustic Tube), beige
RLN6230	Extreme Noise Kit (Includes Foam Earplugs with Acoustic Tube), black
RLN6231	Extreme Noise Kit (Includes Foam Earplugs with Acoustic Tube), beige
RLN6242	Quick Disconnect acoustic tube

Part #	Description
Batteries and Chargers	
PMNN4082	Battery, NiMH 1300 mAh min.
PMNN4081	Battery, Lilon 1500 mAh min.
PMNN4080	Battery, High Capacity Lilon 2150 mAh min.
PMLN5398	Single Unit Rapid Charger Kit, 110V (Includes PMLN5228 & EPNN9288)
PMLN5228	Single Unit Charger Base
EPNN9288	Switchmode Power Supply, 110V with US plug
Carry Devices	
HLN9844	Spring Action 2" Belt Clip
PMLN5334	Soft Leather Carry Case with D-Ring
Antennas	
PMAD40	12 VHF Stubby, 136-155 MHz, 9 cm
PMAD40	13 VHF Stubby, 155-174 MHz, 9 cm
NAD6579	VHF Whip, 148-161 MHz, 19 cm
NAE6483	UHF Whip, 403-520 MHz, 16.5 cm
PMAE4003	UHF Stubby, 430-470 MHz, 9 cm
PMAE4006	UHF Stubby, 465-495 MHz, 9 cm
HAD9338	VHF Heliflex, 136-162 MHz, 15.5 cm
NAD6502	VHF Heliflex, 146-174 MHz, 15 cm

PMLN5228

PMLN5334

HMN9013

PMLN5001

PMMN4013

EP350 Industrial Portable Two-Way Radio Enhanced Functionality for Hospitality

Provide your guests with a relaxing, enjoyable experience. Use your versatile EP350 radio with one of the many audio accessories available, and you will enjoy discreet voice communications without disturbing your guests. The robust, high-quality EP350 ensures employees can maintain on-the-go communication, resulting in responsive customer service and increased productivity.

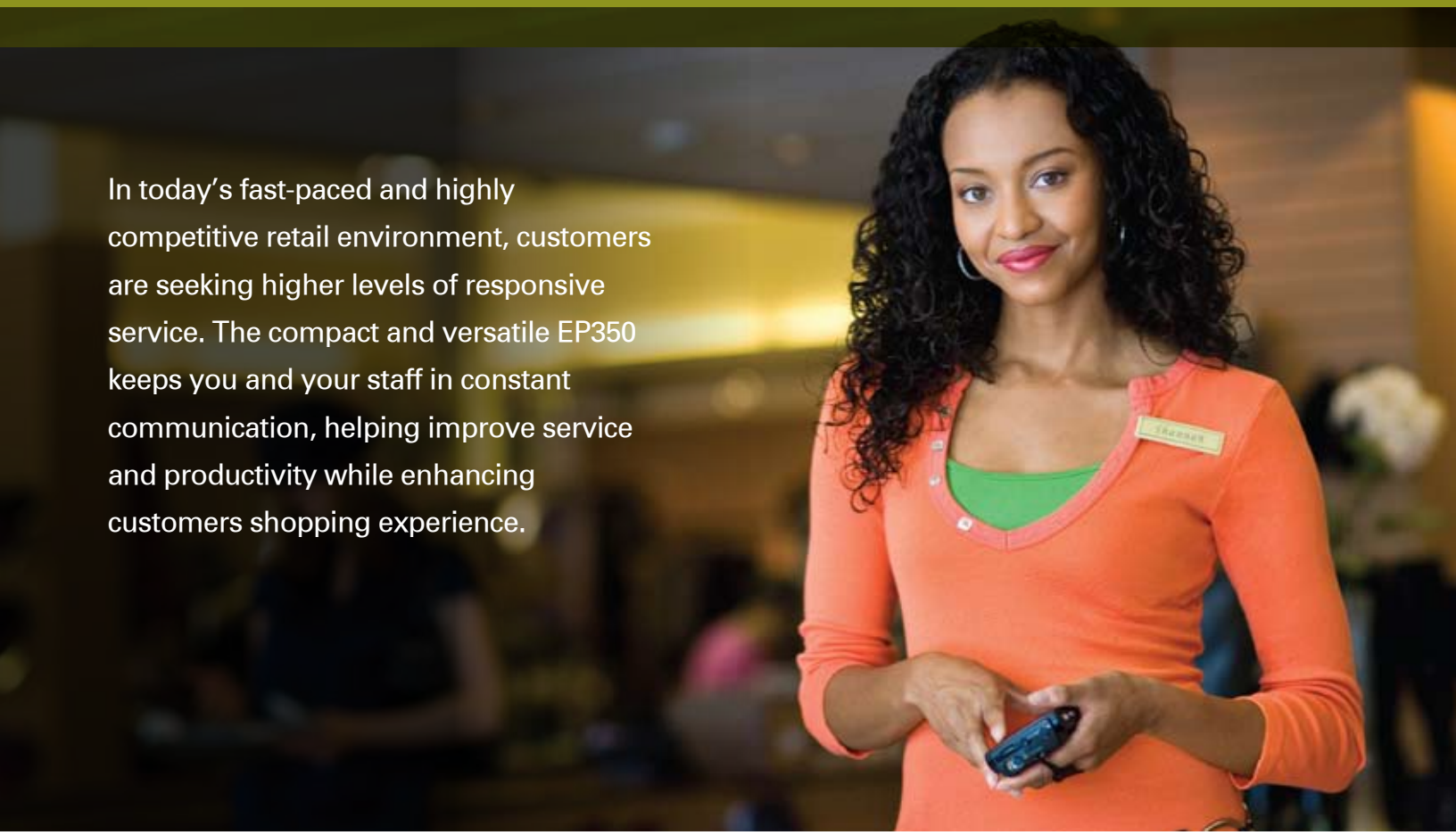
Hospitality Challenges	EP350 Solutions
Establishment must be clean and well organized.	Call for immediate help when clean-ups are needed.
Safety and security concerns.	Security can respond swiftly to accidents or disturbances.
Reducing operational costs.	Employees are more productive.
Mobile workforce.	Stay connected. Communicate simultaneously with front desk, valet, room service, housekeeping, and wait staff.
Customers want a more enjoyable experience.	Eliminate the noise and distraction of paging systems.
Need for faster, more responsive service.	Instant communication enables faster room turnover, better response to guest requests, and precise valet coordination.

EP350 Industrial Portable Two-Way Radio
Dependable Communication for Light Manufacturing

Constant communication is essential for you to run an efficient manufacturing operation, and a noisy environment is your biggest challenge. Not anymore. The compact, easy-to-use EP350 featuring superior audio clarity and resistance to interference, provides a robust, high-quality voice communication solution – just what you need to avoid downtime and ensure fast responses to production problems or injuries.

Light Manufacturing Challenges	EP350 Solutions
Worker safety and liability.	Workers can coordinate quickly and respond to accidents or emergencies.
Pressure to finish projects faster.	Managers can maintain constant contact with and among workers to mobilize them and get tasks completed faster.
Reducing operational costs.	Employees are more productive.
Getting more done with fewer workers.	Leaner work crews stay focused on the job at hand, work more efficiently, and keep projects moving.
Workers carry many tools on the job.	Durable, lightweight and easy to use, EP350 radios clip right on the tool belt.

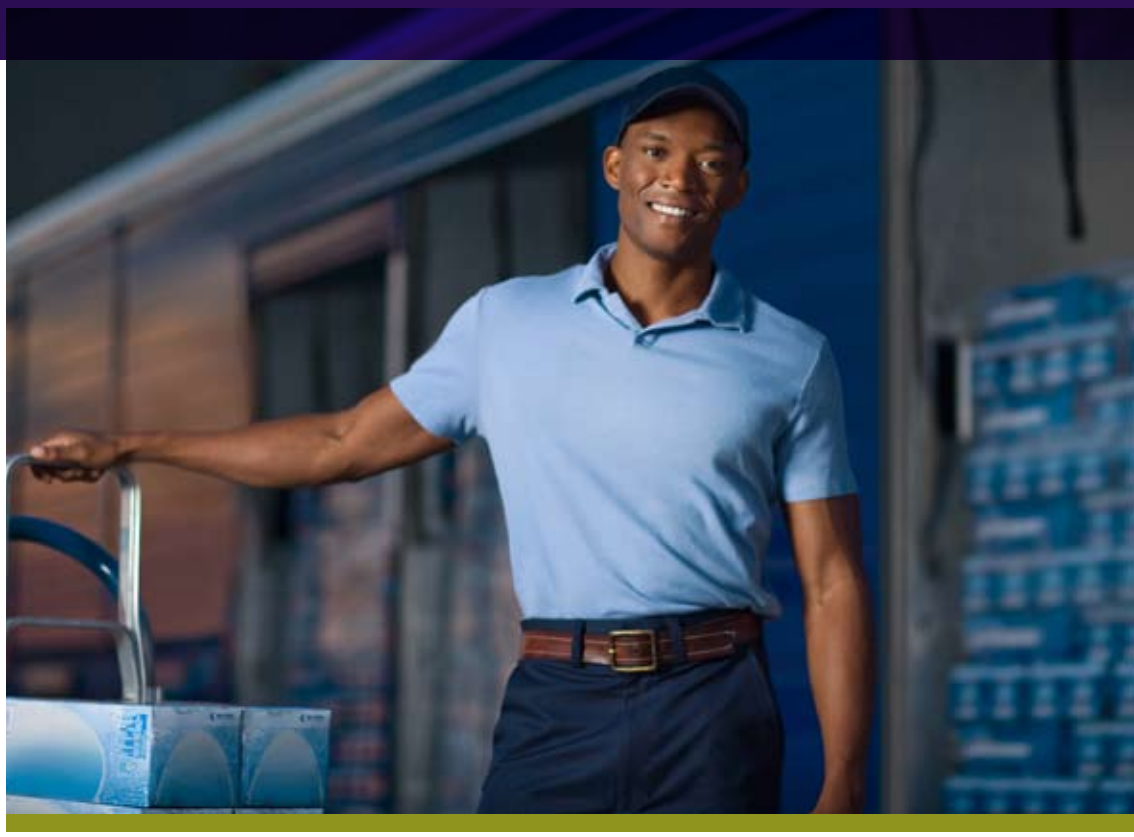
EP350 Industrial Portable Two-Way Radio Improved Customer Service for Retail



In today's fast-paced and highly competitive retail environment, customers are seeking higher levels of responsive service. The compact and versatile EP350 keeps you and your staff in constant communication, helping improve service and productivity while enhancing customers shopping experience.

Retail Challenges	EP350 Solutions
Staff comfort & mobility.	Compact, light and ergonomic device easy to carry.
Provide simplified functionality	Activate/deactivate at the touch of a button
Ensure uninterrupted communication on the sales floor	Great capacity battery; battery saver feature
Hands-free capability	A wide range of audio accessories

EP350 Industrial Portable Two-Way Radio
Increased Operational Efficiency or Transportation and Logistics



With the advanced functionality of the EP350, you can coordinate your transportation and logistics operations with additional accuracy. You can coordinate drivers to take the most efficient routes and also notify them, via data or voice, about a new delivery destination, change in route or emergency pickup

Transportation and Logistics Challenges	EP350 Solutions
Provide on-the-go workers with resilient and reliable devices	ALT, MIL Sandard approved
Ensure uninterrupted communication anywhere, anytime	Great capacity battery; battery saver feature
Ensure simplified functionality	Activate/deactivate at the touch of a button
Hands-free capability	A wide range of audio accessories

EP350 Industrial Portable Two-Way Radio
Better Coordination for Construction Projects

To keep any construction project on track, you need timely coordination from management to foremen, subcontractors, and individual trades people. The reliable and cost-effective EP350 helps keep projects on schedule, avoid errors, meet deadlines and keep costs on budget.

Construction Challenges	EP350 Solutions
Provide construction workers with resilient and reliable devices	ALT, MIL Sandard approved
Excellent audio in noisy environments	Powerful 500mW audio output with good RF specifications
Large button for easy access	Keypad with programmable buttons and large PTT
Noise-cancelling accessories	A wide range of audio accessories

EP350 Industrial Portable Two-Way Radio Better Coordination for Event Management

The event planning and management process includes a number of phases and a lot of people. Successful event management will require strong leadership, a commitment to preparedness and uninterrupted communication among all parties involved. The EP350 ensures reliable and discreet both individual and talk group calls

Event Management Challenges	EP350 Solutions
Availability of multiple channels	99 channels to support different talk groups
Ensure simplified functionality	Activate/deactivate at the touch of a button
Individual private call capability	DTMF signaling enables selective call
Clear audio	Good RF specifications (70dB Rx spurious rejection)

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